## **CLAIMS**

## WHAT IS CLAIMED IS:

- A method of making molded components, the method comprising: supplying a plastic material to a mold to form a molded article; moving a separating apparatus located in the mold to at least partially separate the molded article into at least two components.
- 2. The method of Claim 1 further including the step of opening the mold after actuating the separating apparatus.
- 3. The method of Claim 1, further including the step of pulling the at least partially separated molded article apart into two or more pieces.
- 4. The method of Claim 1, wherein the separating apparatus is moved by an actuator.
- 5. The method of Claim 4 wherein the actuator is one of a mechanical actuation device, a pneumatic actuation device, a hydraulic actuation device, an electromechanical actuation device, and a manual actuation device.
- 6. The method of Claim 4 wherein the actuator is coupled to the separating device by one or more gears.
  - 7. The method of Claim 6 wherein the actuator is a rack and pinion.
- 8. The method of Claim 1 wherein the molded article is formed by blow molding.
- 9. The method of Claim 1 wherein the separating apparatus includes one or more cutting members.
- 10. The method of Claim 9 wherein a cutting member includes a serrated surface.

Atty. Dkt. No.: 44132-1607

- 11. The method of Claim 9 wherein a cutting member includes a non-serrated surface.
  - 12. The method of Claim 1 wherein the components are non-similar.
- 13. The method of Claim 12 wherein the components are a container and a lid.
  - 14. The method of Claim 1 wherein the components are similar.
- 15. The method of claim 1 further including separating the molded article into a first portion, a second portion, and a third portion, wherein the second portion moves with the separating apparatus.
- 16. The method of Claim 15 further including the step of gripping the second portion so that it moves with the separating apparatus.
- 17. The method of Claim 16 wherein the separating apparatus includes a plurality of notches configured to grip the second portion.
- 18. The method of Claim 1 wherein the separating apparatus includes one or more heated cutting elements.
- 19. The method of Claim 18 further including the moving one or more heated cutting elements through the interior of the mold.
- 20. The method of Claim 18 further including heating the one or more heated cutting elements by electrical resistance.
- 21. The method of Claim 18 wherein the one or more heated cutting elements separates the molded article by melting the plastic material.

22. A method of making a molded article having a first portion and a second portion, the method comprising:

forming the molded article in a mold;

at least partially separating the first portion from the second portion; and then

opening the mold.

- 23. The method of Claim 22 wherein the at least partially separating step includes moving one or more cutting members against the molded article.
- 24. The method of Claim 22 wherein the at least partially separating step includes directing high velocity air at the plastic material.
- 25. The method of Claim 22 wherein the at least partially separating step includes perforating the molded article.
- 26. The method of Claim 22 wherein the at least partially separating step includes cutting the molded article into two or more portions.
- 27. The method of Claim 22 wherein the at least partially separating step includes scoring the molded article.
- 28. An apparatus for making molded components, the apparatus comprising: a cavity configured to provide the desired shape of a molded article; and a separating apparatus coupled to the cavity and configured to at least partially separate the molded article into at least two pieces.
- 29. The apparatus of Claim 28 wherein the separating apparatus includes a cutting member.
- 30. The apparatus of Claim 29 wherein the cutting member includes a serrated cutting surface.

Atty. Dkt. No.: 44132-1607

- 31. The apparatus of Claim 29 wherein the cutting member includes a non-serrated cutting surface.
- 32. The apparatus of Claim 29 wherein the cutting member includes two or more cutting surfaces.
- 33. The apparatus of Claim 28 wherein the separating apparatus includes two or more cutting members.
- 34. The apparatus of Claim 28 wherein the separating apparatus is actuated by an actuator.
- 35. The apparatus of Claim 34 wherein the actuator is one of a mechanical device, a hydraulic device, a pneumatic device, an electromechanical device, and a manual device.
- 36. The apparatus of Claim 28 wherein the cavity includes a channel and the separating apparatus includes a base disposed within the channel.
- 37. The apparatus of Claim 36 wherein the separating apparatus includes an actuator configured to move the base in the channel.
- 38. The apparatus of Claim 36 wherein the channel is disposed along the perimeter of the cavity.
- 39. The apparatus of Claim 38 wherein the actuator is coupled to the separating device by one or more gears.
- 40. The apparatus of Claim 39 wherein the actuator includes a rack and pinion.
- 41. The apparatus of Claim 28 wherein the separating apparatus includes a plurality of apertures disposed along a perimeter of the cavity and configured to force high velocity air into the cavity.

Atty. Dkt. No.: 44132-1607

- 42. The apparatus of Claim 41 wherein the high velocity air is configured to perforate the molded article.
- 43. The apparatus of Claim 28 further including one or more notches configured to grip the molded article.
- 44. The apparatus of Claim 43 wherein the notches are located on the separating apparatus.
- 45. The apparatus of Claim 28 wherein the separating apparatus at least partially separates the molded article into a first portion, a second portion, and a third portion, the second portion being configured to move with the separating apparatus.
- 46. The apparatus of Claim 28 wherein the separating apparatus includes one or more heated cutting elements.
- 47. The apparatus of Claim 46 wherein the one or more heated cutting elements are heated by electrical resistance.
- 48. The apparatus of Claim 46 wherein the one or more heated cutting elements separates the molded article by melting the plastic material.